



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ :

C07H 17/08, A61K 31/70

A1

(11) International Publication Number:

WO 98/56802

(43) International Publication Date: 17 December 1998 (17.12.98)

(21) International Application Number: PCT/IB98/00839

(22) International Filing Date: 29 May 1998 (29.05.98)

(30) Priority Data:

60/049,348

11 June 1997 (11.06.97)

US

(71) Applicant (for all designated States except US): PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BRONK, Brian, Scott [US/US]; 66 Partridge Hollow Road, Gales Ferry, CT 06355 (US). LETAVIC, Michael, Anthony [US/US]; 334 High Street, Mystic, CT 06355 (US). KANEKO, Takushi [JP/US]; 398 Northwood Drive, Guilford, CT 06437 (US). YANG, Bingwei, Vera [US/US]; 27 Lincoln Road, Waterford, CT 06385 (US). GLAZER, Edward, Alan [US/US]; Unit 77, 310 Boston Post Road, Waterford, CT 06385 (US).

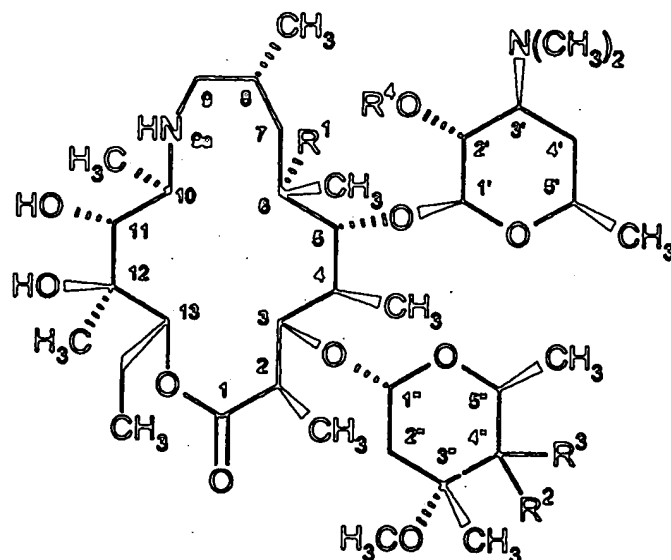
(74) Agents: SPIEGEL, Allen, J.; c/o Green, Mark, Charles, Urquhart-Dykes & Lord, 91 Wimpole Street, London W1M 8AH (GB) et al.

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published

With international search report.

(54) Title: 4"-SUBSTITUTED-9-DEOXO-9A-AZA-9A-HOMOERYTHROMYCIN A DERIVATIVES



(1)

(57) Abstract

The invention relates to compounds of formula (1) and to pharmaceutically acceptable salts thereof. The compounds of formula (1) are antibacterial agents that may be used to treat various bacterial and protozoa infections. The invention also relates to pharmaceutical compositions containing the compounds of formula (1) and to methods of treating bacterial protozoa infections by administering the compounds of formula (1). The invention also relates to methods of preparing the compounds of formula (1) and to intermediates useful in such preparation.

EXPRESS MAIL NO. EV271824139US